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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/614,500	07/07/2003	Dewayne M. Turner	020569-02500	6356
22904	7590	01/11/2005	EXAMINER	
LOCKE LIDDELL & SAPP LLP			NEUDER, WILLIAM P	
600 TRAVIS			ART UNIT	
3400 CHASE TOWER			PAPER NUMBER	
HOUSTON, TX 77002-3095			3672	

DATE MAILED: 01/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/614,500

Applicant(s)

TURNER ET AL.

Examiner

William P Neuder

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1,2,6-16,18-23,25 and 26 is/are rejected.
- 7) ☒ Claim(s) 3-5,17 and 24 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 1/13/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1,2,6-116,18-23,25 and 26 are rejected under 35 U.S.C. 102(b) as being anticipated by Finley 5,676,208.

Finley discloses a method and apparatus for controlling flow through a return port 134. Sleeve 126 has engagement means 152 thereon to shift the sleeve from the position blocking ports 134 to a position where the return ports are open. A shifting tool (not shown) has engagement surfaces for engaging profile 152. The shifting tool is considered a downhole member disposed in the well. (See col. 10, lines 11-25). Once the shifting tool is disengaged, the sleeve returns to the first position. As to claims 2,15 and 21, the tool includes a crossover 52. As to claim 6, the first position is a closed position and the second an open position. As to claims 7 and 22, spring means biases the sleeve 126 from the second open position to the first closed position. As to claim 8, the shifting tool can be run in with the entire assembly and released after operating the sleeve. As to claim 9, the tool is used in fracturing or gravel packing. As to claim 10, a spring biases the sleeve to the return position. As to claim 11, the sleeve 126 is carried on the wall of the tool having the return ports 134.

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Engagement surfaces 152 engage surfaces on the shifting tool that are independent from the tool. As to claim 13, the first position is used during circulation. As to claim 14, the second position is used during reversing position. As to claim 16, shifting tool is a downhole member. As to claim 18, the shifting tool operates the valve independent of downhole conditions that induce tubing movement. As to claim 19, the entire assembly is run on a work string and the tool string is attached to the work string. As to claim 20, sleeve 126 can be operated at any selected time. As to claim 23, profile 152 engages a profile on the shifting tool. As to claim 25, the shifting tool is raised and lowered to operate the sleeve. As to claim 26, the shifting tool carries an engagement surface.

Claim Objections

Claim 14 is objected to because of the following informalities: In line 2, "revering" should be –reversing–. Appropriate correction is required.

Allowable Subject Matter

Claims 3-5, 17 and 24 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to William P Neuder whose telephone number is 703-308-2150. The examiner can normally be reached on Tuesday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David J Bagnell can be reached on 703-308-2151. The

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fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


William P Neuder
Primary Examiner
Art Unit 3672

W.P.N.